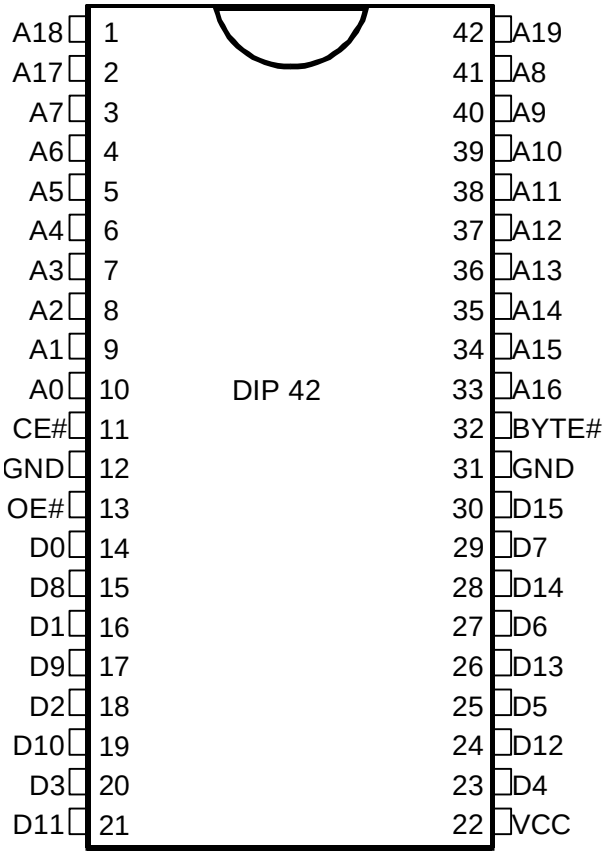
DIP 42

GRAMMAR ENGINE INC.

Before you begin…

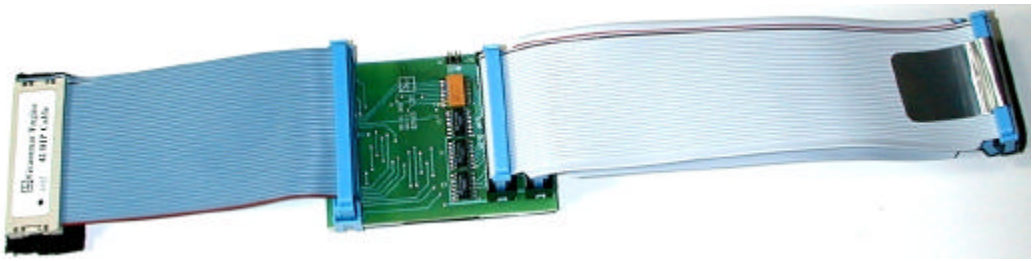
1. Confirm your target matches this MEMORY FOOTPRINT



- 42 pin DIP cable, 16 bit memories
- Maximum memory size 2M Bytes
- Organized as 1M x 16 bit
- Maximum PromICE: P2080
- To emulate 3 **Volt memories**, 3 Volt adapter (GEI Part # 3VA16DC) is required.

Note: Maximum memory size is shown in footprint. For smaller memories, unused lines must be connected to V_{cc} to ensure proper PromICE operation.

2. Confirm that you have received all parts of the Complete Cable Assembly



Memories Supported

- Emulates 42 pin DIP devices like 27C400, 27C800, and others.
- www.promice.com/memories.htm contains a listing of all memories supported by Grammar Engine target cables. **Note:** This cable supports both ROM and flash memories.

Notes and Precautions

Always turn target power OFF when connecting or disconnect PromICE target cables.	If your target has capacitors, allow sufficient discharge time. Connecting with the power on can damage cables or the PromICE**.**
Always leave Dip cable on the foam pad when not in use.	The dip cable should have came with a foam pad already on it.

For Technical Support, contact Grammar Engine at 614-899-7878 or support@gei.com
For Sales, contact Grammar Engine Inc. www.gei.com or 1.800.PROMICE.

Installation Instructions

Step	Action	Notes
1.	**Verify that you have the correct cable for the memory you are emulating.**	If you have the wrong cable, contact Grammar Engine or your distributor for a replacement.
2.	**Connect PromICE.**	With the power off to your PromICE, connect the shielded ground plane cables to your PromICE.
3.	**Locate pin 1 on cable and socket.**	Align pin 1 on the cable to pin 1 on the socket.
4.	**Connect Dip cable to socket.**	Inspect to confirm that each pin is fully seated in the socket. Do not insert the probe at an angle, since this can damage individual pins.

You are now ready to power up your target and PromICE. Please consult your PromICE manual for further setup information.

Contact your Grammar Engine Sales Representative to order these parts and accessories:

Cable Parts	**DIP 42B** **34FFEXT** **34FF6.7EXT** **Dip 42 cbl.**	Adapter Board 6" Shielded Ground Plane Cable 6.75" Shielded Ground Plane Cable 42 pin DIP cable
Accessories	**3VA16DC**	3 Volt Adapter

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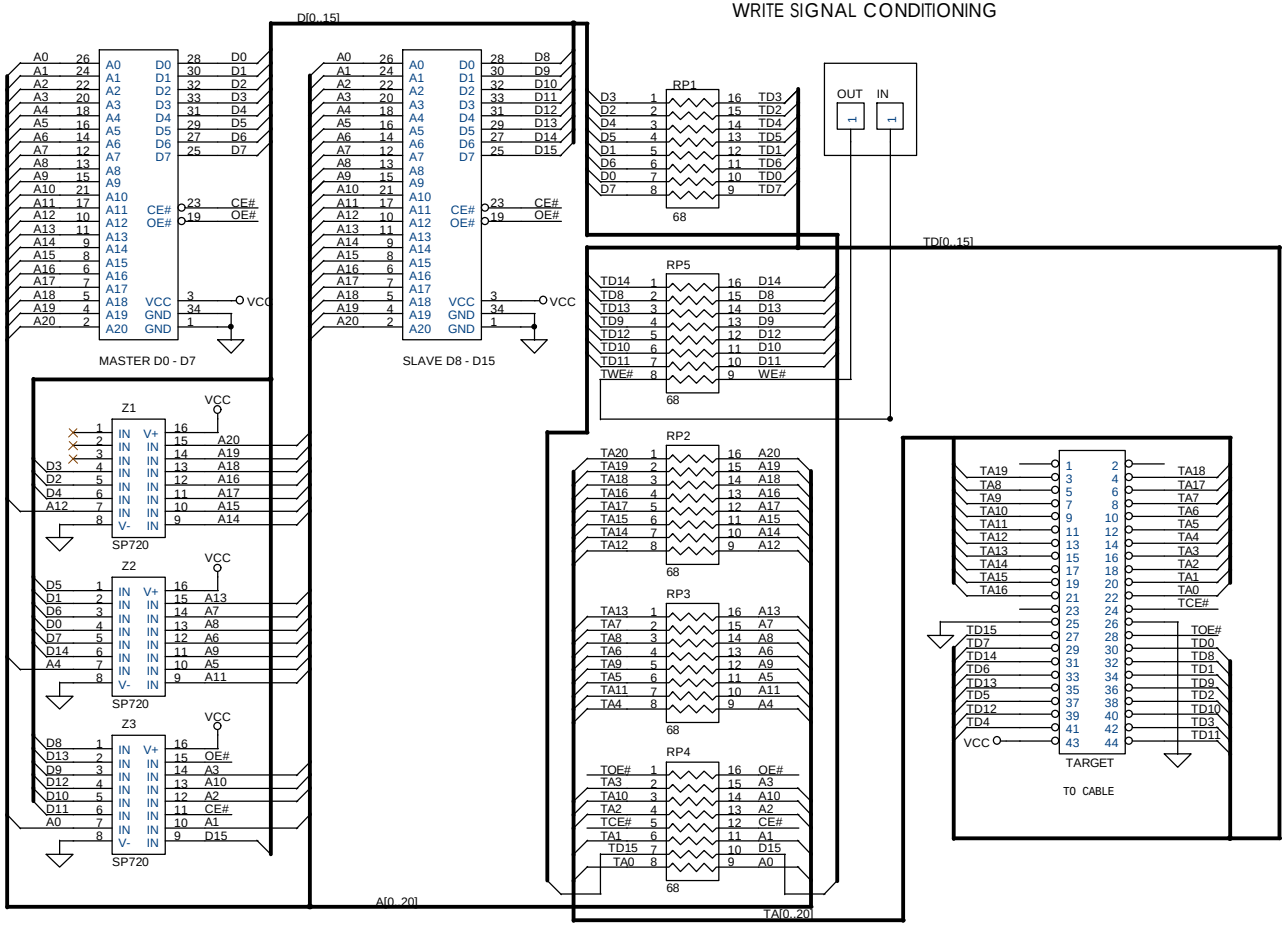
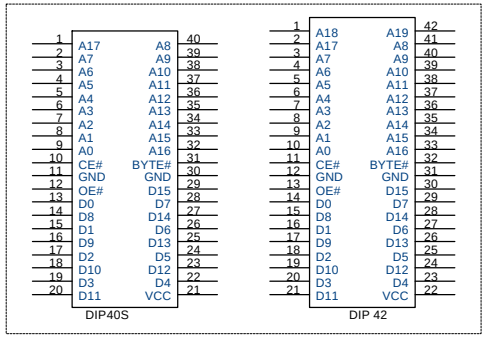
DIP42B
16-bit

IN FROM TARGET, OUT TO PromICE
WRITE SIGNAL CONDITIONING





NOTES:

MAX SIZE: 512KB (256K x 16/40 pin (P2020), 2MB (1M x 16) /42 pin (P2080)
SUPPORTS: DIP 40 and 42 pin ROMs with address on one top of chip and data on the bottom.
PROMICE JUMPER SETTING: 32

Grammar Engine Inc.

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